

KENTUCKY'S ENVIRONMENT



EQC

is a seven-member citizen board that advises officials on environmental matters, provides a public forum for the discussion of issues and monitors environmental conditions. To receive the free EQC newsletter, call (502)564-2150 ext. 160, email EQC@mail.state.ky.us, or write to EQC at 14 Reilly Rd., Frankfort, KY 40601. You can also submit your comments at our Web site at www.kyeqc.net. Printed bimonthly on recycled paper with state funds.

The Newsletter of the Environmental Quality Commission

Volume 17, No. 6

November/December 2001



Logging At Record Levels in Kentucky--Forecasts Predict Production to Increase

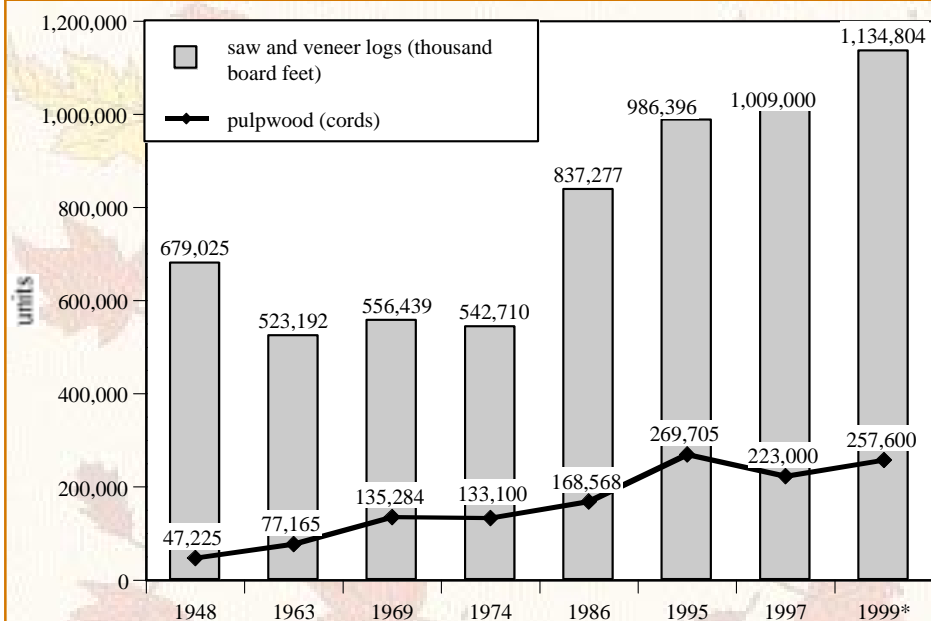
Kentucky's forests continue to be logged at record levels, according to information collected by the U.S. Forest Service and the Kentucky Division of Forestry. Preliminary data from a 1999 canvass of primary wood-using plants reveal that a record 1.13 billion board feet of timber was harvested in Kentucky—that's a 12 percent increase over 1997 levels and double the harvesting levels of 1974. Pulpwood production increased as well, up from 223,000 cords in 1997 to 257,600 cords in 1999. Pulpwood production levels peaked in 1995 at 269,705 cords.

A new study by the U.S. Forest Service predicts that timber production will likely continue to increase in Kentucky and other southern states. *The Southern Forest Resource Assessment Report* found that, between 1953 and 1997, timber production in 13 southern states (including Kentucky) more than doubled. The region's share of U.S. production increased from 41 to 58 percent, and its share of world production increased from 6.3 to 15.8 percent. The region now produces more timber than any other country in the world.

The South produces a great variety of timber products, including softwood sawlogs (28 percent), softwood pulpwood (25 percent) and hardwood pulpwood (16 percent). Since 1953, hardwood pulpwood has experienced the greatest

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Forest Harvesting Trends in Kentucky



*preliminary data, subject to change. Source: U.S. Forest Service Timber Product Output and Use, 2000-2001 State of Ky.'s Environment report. Compiled by EQC.

MEETINGS/CONFERENCES

Jan. 10-11 and 24-25 - Practical Compliance with EPA Regulations Course - Radisson Plaza Hotel, Lexington/Galt House Hotel, Louisville. *Contact: Phyllis Wells, (502) 695-4700 ext. 3022.*

Feb. 5 and 7 - Workshops on the Hydrogeology of Karst Aquifers in the Bluegrass and the Use of Basin Maps to Prevent Nonpoint-Source Pollution. Feb. 5 - Woodford Co. Agricultural Resource Bldg., Versailles. *Contact: Randal Rock, (859) 873-4941.* Feb. 7 - Lincoln Co. UK Cooperative Extension Service, Stanford. *Contact: Dan Grigson, (606) 365-2459.*

Feb. 13-16 - National Farm Machinery Show - Ky. Fair & Exposition Ctr., Louisville. *Contact: Ted Sloan, (502) 564-4696.*

Feb. 20 - Kentucky Water Resources Annual Symposium - Holiday Inn North, Lexington. *Contact: Geaunita Caylor, (859) 257-2820 or email gcaylor@engr.uky.edu.*

Feb. 27 and 28 - Air Quality Education Workshop - Cincinnati State Technical and Community College. These free workshops are open to Kentucky teachers (grades K-12) in Boone and Campbell counties. *Contact: Summer Jones, Regional Ozone Coalition, (513) 621-6300.*

Feb. 28-March 3 - Kentucky Crafted - The Market - Ky. Fair & Exposition Ctr., Louisville. *Contact: Ted Sloan, (502) 564-4696.*

PUBLIC NOTICES/HEARINGS - PERMITS

Ky. Div. of Water - KPDES Water Permit Notices

Contact Pam Horne, Div. of Water, (502) 564-3410.

•**Petro Stopping Center**, Glendale (Hardin Co.) - Permit modification of an existing sanitary discharge of wastewater due to the addition of package plant and truck wash wastewater (KY0103560).

•**London Wastewater Treatment Plant**, London (Laurel Co.) - Permit modification of municipal discharge to accommodate an upgrade of the treatment process and plant expansion. (KY0021270).

•**Dept. of the Army**, Fort Knox (Hardin Co.) - Permit modification to accommodate tank washing station. (KY0002917).

•**138 Water Discharge Permit Issuances/Reissuances** - (Public Notices 2001-34 through 2001-42). See web <http://water.nr.state.ky.us/dow/public.htm>.

Ky. Div. of Waste Mgt. - Underground Storage Tanks

Contact: Ramendra Dutta, Div. of Waste, (502) 564-3410, ext. 162.

•**Former Letcher County School Bus Garage**, Whitesburg (Letcher Co.) (3442-067).

Ky. Division of Waste Management - Solid Waste Notices

Contact: Anita Young, Div. of Waste, (502) 564-6716.

•**Arch Chemicals Inc.**, Brandenburg (Meade Co.)- Extend the expiration of a solid waste permit until April 19, 2007.

•**US AARMC & Fort Knox**, Fort Knox (Bullitt Co.)- Approval of Groundwater Assessment Report concerning construction demolition debris Landfill; demonstrating that benzene detected at wells W-2 and W-7 was from naturally occurring sources.

•**West Daviess County Landfill**, Owensboro (Daviess Co.)- Proposal to expand existing landfill by 31.6 acres with a capacity of 6.4 million cubic yards of additional space for waste disposal.

•**Lodestar Energy Inc.**, Pikeville (Pike Co.)- Application for modification of an existing residual landfill.

•**Recycling Solutions Technology LLC**, Allen (Floyd Co.)- Draft permit for a trial run of a waste-to-energy facility; applicant proposes to thermally oxidize municipal solid waste in a unit at its site in Martin County.

•**Ohio Co. Fiscal Court** (Ohio Co.)- Renewal of the Ohio County (balefill) landfill.

•**TVA Paradise Fossil Plant**, (Muhlenburg Co.)- renewal of a residual landfill.

Ky. Div. of Waste Management - Hazardous Waste Notices

Contact: Mary Ann Goins, Div. of Waste, (502)564-6716.

•**Louisville Environmental Services Inc.**, (Jefferson Co.) Tentative termination of hazardous waste treatment & storage permit.

Ky. Division for Air Quality - Public Notices

Contact: George Day, Div. for Air Quality, (502)573-3382.

•**Conditional Major Source Construction/Operating Permit (Title V does not apply)** - Arvinmeritor, Frankfort (Franklin Co.); David Bradford Inc., Bowling Green (Warren Co.).

•**Conditional Major Source Operating Permit (Title V does not apply)** - Arch Environmental Equip., Paducah (McCracken Co.); Modern Welding Co. Inc., Elizabethtown (Hardin Co.).

•**Title V Operating Permit Significant Revision** - Westvaco Kentucky LP, Wickliffe (Ballard Co.).

•**Synthetic Minor Construction/Operating Permit at a Title V Source (PSD regs. do not apply)** - Westvaco Kentucky LP, Wickliffe (Ballard Co.).



Kentucky Environmental Quality Commission

Meeting Announcement

2 p.m. - Jan. 24, 2002
Room 111, Capitol Annex, Frankfort

Power Plants: Issues and Needs

Some 24 power plant applications have been received by the state since 1999. To date, 16 permits have been issued. On June 19, 2001, Gov. Patton issued a 180 day moratorium on new power plant applications to review the impacts of new power plants on the environment and the state's electric supply grid. That moratorium was recently extended until Jan. 11, 2001. EQC will invite state officials to review their findings of a state study to assess the cumulative environmental impacts of proposed power plants in Kentucky and other issues associated with the siting of new power plants. A meeting agenda will be available soon on the EQC Web site at www.kyeqc.net.

All EQC meetings are free and open to the public. The public is encouraged to attend and participate. EQC meeting facilities are accessible to people with disabilities. Auxiliary aids, interpreters, and other services will be provided upon request by contacting EQC.



Solid Waste, Power Plants to be Topics of 2002 Legislative Session

The 2002 session of the General Assembly gets underway on Jan. 8. Among the environmental topics likely to be debated are mandatory garbage collection, recycling, power plant siting, the clean up of old solid waste landfills and the extension of the hazardous waste management fund. The Natural Resources and Environmental Protection Cabinet's legislative priorities are:

■ **Hazardous Waste Management Fund.** The cabinet will seek an extension of the hazardous waste management fund fee. The fee is collected from hazardous waste generators to fund emergency actions, site cleanups and pollution prevention activities.

■ **Solid Waste Management.** The cabinet is preparing a bill to support universal garbage collection, recycling, the clean up of old solid waste landfills, and environmental education.

■ **Tire Amnesty.** The cabinet will request an extension of its tire amnesty program. The program has collected 9 million tires in the past 4 years as part of the program.

EQC will track environmental and natural resource legislation. The tracking report will be available in January 2002 via the EQC Web site at www.kyeqc.net. Information about various bills can also be viewed at the Legislative Research Commission's Web site at <http://www.lrc.state.ky.us/legislat/legislat.htm>.



Best wishes for a safe and happy holiday,
Staff and Commissioners of the
Kentucky Environmental Quality Commission.

Kentucky Environmental Quality Commission

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Young artists are wanted to compete in the Kentucky Commonwealth Cleanup Week poster contest. All students, public and non-public, in grades 1-8 are eligible. For more information about the contest teachers can visit <http://www.nr.state.ky.us/nrepc/cabinet/cleanupposterkit.htm> or contact Kerry Holt, Contest Coordinator, at 502/564-5525 or e-mail Kerry.Holt@mail.state.ky.us

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increase in product share, growing from 3 to 16 percent of output. The study forecasts that timber production in the United States will increase by about a third between 1995 and 2040. Nearly all of this growth will come from the South where production is forecast to increase 56 percent for softwoods and 47 percent for hardwoods.

According to the report, urban sprawl tops the list as the most significant and permanent force affecting the region's forest ecosystems. Between 1992 and 2020, an estimated 6 percent of the South's forests could be lost to urban uses. The report specifically shows that population growth and land-use changes will increase the human presence in many forests of the Southern Appalachian region. Forecasts for increased harvests may lead to increased wealth for some, but loss of aesthetic and environmental benefits for others. The assessment offers the following messages:

- ❖ Private lands hold the key to sustaining southern forests.
- ❖ Timber production is forecast to expand but will not deplete forest inventories below current levels.
- ❖ Urbanization presents the greatest, most permanent impact to forests in the South.
- ❖ While southern forests have proven to be resilient over the long haul, some components are at risk. Exotic plant species, air pollution, land use changes, insects and diseases impact forest communities.
- ❖ Timber management is largely unregulated in the South. Voluntary programs are administered by states to protect water quality, but their effectiveness has not been consistently monitored. (Kentucky enacted a law in 1998 which requires logging operations use best management practices to prevent water pollution.)
- ❖ From a regional perspective, wood chipping technology does not threaten future timber supply and forest health. However, associated harvesting can cause local structural change to forests and influence local economies.

The draft report and summary may be obtained at <http://www.srs.fs.fed.us/sustain> or by calling (828) 257-4200.

Information and data about Kentucky's forest resources is also available in *Environmental Quality Commission's 2000-2001 State of Kentucky's Environment Report*. To order a copy of the report send a \$10 check, made payable to the Kentucky State Treasurer, to EQC, 14 Reilly Road, Frankfort, KY 40601. The report will also be available on Jan. 4 via the EQC Web site at www.kyeqc.net.

EQC EARTH DAY AWARD NOMINATIONS

Do you know someone who is doing his or her part to protect the environment? **Nominate them for an EQC Earth Day Award!** To nominate a person, group, government official, business or school group, send their name and address, phone number and a one-page summary describing his or her efforts by March 20, 2002 to EQC. Or you may submit this via our web site at www.kyeqc.net. The name, phone number and address of the person making the nomination should also be included. EQC will celebrate the 32nd anniversary of Earth Day on April 22, 2002 at the Berry Hill Mansion in Frankfort.